

INTERNATIONAL SEARCH REPORT

International Application No

PCT/NL 02/00220

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04K1/10 H04K1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04K H04L H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 812 147 A (INNOVATRON SA) 25 January 2002 (2002-01-25)	1,5,7,9, 13,14, 16,17
A	page 6, line 31 -page 7, line 5	12
Y	page 14, line 10 -page 15, line 6	2,10
X	EP 0 993 142 A (LUCENT TECHNOLOGIES INC) 12 April 2000 (2000-04-12)	1,4,9, 13,14, 16,17
	column 2, line 17 - line 47 claims 1,3	
Y	US 5 583 994 A (RANGAN P VENKAT) 10 December 1996 (1996-12-10) abstract column 2, line 40 - line 46	2,10
	--- -/--	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

5 December 2002

Date of mailing of the international search report

13/12/2002

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Holper, G

INTERNATIONAL SEARCH REPORT

International Application No
PCT/NL 02/00220

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2 222 057 A (CARRIDICE LTD) 21 February 1990 (1990-02-21) the whole document -----	1,4,9, 13,16-19

Form PCT/ISA/210 (continuation of second sheet) (July 1992)

page 2 of 2

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

onal Application No
PCT/NL 02/00220

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 2812147	A	25-01-2002	FR 2812147 A1	25-01-2002
EP 0993142	A	12-04-2000	US 6377690 B1	23-04-2002
			BR 9904118 A	29-08-2000
			CN 1250994 A	19-04-2000
			DE 69903111 D1	31-10-2002
			EP 0993142 A1	12-04-2000
			JP 2000156720 A	06-06-2000
			KR 2000023124 A	25-04-2000
US 5583994	A	10-12-1996	WO 9521415 A1	10-08-1995
			US 5592626 A	07-01-1997
GB 2222057	A	21-02-1990	NONE	